

RAW SEQUENCE LISTING

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Application Serial Number: 10/574,860A
Source: JFWP
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PATENT APPLICATION: US/10/574,860A

DATE: 12/01/2006
TIME: 14:21:48

Input Set : A:\53466414.APP
Output Set: N:\CRF4\12012006\J574860A.raw

3 <110> APPLICANT: KAWAI, SHIGETO
 4 MIHARA, MASAHIKO
 5 KOISHIHARA, YASUO
 7 <120> TITLE OF INVENTION: THERAPEUTIC AGENTS FOR SOLID TUMORS
 9 <130> FILE REFERENCE: 053466-0414
 11 <140> CURRENT APPLICATION NUMBER: 10/574,860A
 12 <141> CURRENT FILING DATE: 2006-04-06
 14 <150> PRIOR APPLICATION NUMBER: PCT/JP04/015205
 15 <151> PRIOR FILING DATE: 2004-10-07
 17 <150> PRIOR APPLICATION NUMBER: JP 2003-352819
 18 <151> PRIOR FILING DATE: 2003-10-10
 20 <160> NUMBER OF SEQ ID NOS: 31
 22 <170> SOFTWARE: PatentIn Ver. 3.3
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 1013
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Homo sapiens
 29 <220> FEATURE:
 30 <221> NAME/KEY: CDS
 31 <222> LOCATION: (23)..(562)
 33 <400> SEQUENCE: 1
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 35 Met Ala Ser Thr Ser Tyr Asp Tyr Cys Arg
 36 1 5 10
 38 gtg ccc atg gaa gac ggg gat aag cgc tgt aag ctt ctg ctg ggg ata 100
 39 Val Pro Met Glu Asp Gly Asp Lys Arg Cys Lys Leu Leu Leu Gly Ile
 40 15 20 25
 42 gga att ctg gtg ctc ctg atc atc gtg att ctg ggg gtg ccc ttg att 148
 43 Gly Ile Leu Val Leu Ile Ile Val Ile Leu Gly Val Pro Leu Ile
 44 30 35 40
 46 atc ttc acc atc aag gcc aac agc gag gcc tgc cgg gac ggc ctt cgg 196
 47 Ile Phe Thr Ile Lys Ala Asn Ser Glu Ala Cys Arg Asp Gly Leu Arg
 48 45 50 55
 50 gca gtg atg gag tgt cgc aat gtc acc cat ctc ctg caa caa gag ctg 244
 51 Ala Val Met Glu Cys Arg Asn Val Thr His Leu Leu Gln Gln Glu Leu
 52 60 65 70
 54 acc gag gcc cag aag ggc ttt cag gat gtg gag gcc cag gcc gcc acc 292
 55 Thr Glu Ala Gln Lys Gly Phe Gln Asp Val Glu Ala Gln Ala Ala Thr
 56 75 80 85 90
 58 tgc aac cac act gtg atg gcc cta atg gct tcc ctg gat gca gag aag 340
 59 Cys Asn His Thr Val Met Ala Leu Met Ala Ser Leu Asp Ala Glu Lys
 60 95 100 105
 62 gcc caa gga caa aag aaa gtg gag gag ctt gag gga gag atc act aca 388

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63 Ala Gln Gly Gln Lys Lys Val Glu Glu Leu Glu Gly Glu Ile Thr Thr
 64 110 115 120
 66 tta aac cat aag ctt cag gac gcg tct gca gag gtg gag cga ctg aga 436
 67 Leu Asn His Lys Leu Gln Asp Ala Ser Ala Glu Val Glu Arg Leu Arg
 68 125 130 135
 70 aga gaa aac cag gtc tta agc gtg aga atc gcg gac aag tac tac 484
 71 Arg Glu Asn Gln Val Leu Ser Val Arg Ile Ala Asp Lys Tyr Tyr
 72 140 145 150
 74 ccc agc tcc cag gac tcc agc tcc gct gcg gcg ccc cag ctg ctg att 532
 75 Pro Ser Ser Gln Asp Ser Ser Ala Ala Ala Pro Gln Leu Leu Ile
 76 155 160 165 170
 78 gtg ctg ctg ggc ctc agc gct ctg ctg cag tgagatccca ggaagctggc 582
 79 Val Leu Leu Gly Leu Ser Ala Leu Leu Gln
 80 175 180
 82 acatcttggaa aggtccgtcc tgctcggctt ttgcgttgaa cattcccttg atctcatcag 642
 84 ttctgagcgg gtcatggggc aacacgggta gcggggagag cacggggtag ccggagaagg 702
 86 gcctctggag caggtctggaa gggccatgg ggcagtcctg ggtctggggc cacagtccgg 762
 88 ttgaccagg gctgtctccc tccagagcct ccctccggac aatgagtccc ccctcttgc 822
 90 tcccacccctg agattggggca tggggtgcgg tgggggggc atgtgctgcc tggggggc 882
 92 ggtttttttgcgggggggg ttgctttttt ctgggggtctt tgagctccaa aaaaataaac 942
 94 acttcctttg agggagagca cacctaaaaa aaaaaaaaaa aaaaaaaaaa 1002
 96 gggcgccgc C 1013
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 100 <211> LENGTH: 180
 101 <212> TYPE: PRT
 102 <213> ORGANISM: Homo sapiens
 104 <400> SEQUENCE: 2
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 106 1 5 10 15
 108 Asp Lys Arg Cys Lys Leu Leu Gly Ile Gly Ile Leu Val Leu Leu
 109 20 25 30
 111 Ile Ile Val Ile Leu Gly Val Pro Leu Ile Ile Phe Thr Ile Lys Ala
 112 35 40 45
 114 Asn Ser Glu Ala Cys Arg Asp Gly Leu Arg Ala Val Met Glu Cys Arg
 115 50 55 60
 117 Asn Val Thr His Leu Leu Gln Gln Glu Leu Thr Glu Ala Gln Lys Gly
 118 65 70 75 80
 120 Phe Gln Asp Val Glu Ala Gln Ala Ala Thr Cys Asn His Thr Val Met
 121 85 90 95
 123 Ala Leu Met Ala Ser Leu Asp Ala Glu Lys Ala Gln Gly Gln Lys Lys
 124 100 105 110
 126 Val Glu Glu Leu Glu Gly Glu Ile Thr Thr Leu Asn His Lys Leu Gln
 127 115 120 125
 129 Asp Ala Ser Ala Glu Val Glu Arg Leu Arg Arg Glu Asn Gln Val Leu
 130 130 135 140
 132 Ser Val Arg Ile Ala Asp Lys Lys Tyr Tyr Pro Ser Ser Gln Asp Ser
 133 145 150 155 160
 135 Ser Ser Ala Ala Ala Pro Gln Leu Leu Ile Val Leu Leu Gly Leu Ser
 136 165 170 175

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138 Ala Leu Leu Gln
139 180
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144 <211> LENGTH: 39
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146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
150 forward primer
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153 tttctcgaga tgagacgcta caagctctt ctcatgttc 39
156 <210> SEQ ID NO: 4
157 <211> LENGTH: 97
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
163 forward primer
165 <400> SEQUENCE: 4
166 atgagacgct acaaagtctt tctcatgttc tgtatggccg gcctgtgcct catctccttc 60
167 ctgcacttct tcaagaccct gtcctatgtc accttcc 97
170 <210> SEQ ID NO: 5
171 <211> LENGTH: 100
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
177 forward primer
179 <400> SEQUENCE: 5
180 cctgtcctat gtcaccctcc cacgagaact ggccctccctc agccctaacc tggtgtccag 60
181 ctttttctgg aacaatgccc cggtcacgccc ccaggccagc 100
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185 <211> LENGTH: 102
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
191 forward primer
193 <400> SEQUENCE: 6
194 cggtcacgccc ccaggccagc cctgagccag gaggccctga cctgctgcgt accccactct 60
195 actcccactc gccccctgctg cagccgctgc cgccccagcaa gg 102
198 <210> SEQ ID NO: 7
199 <211> LENGTH: 93
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
205 forward primer
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208 agccgctgcc gcccagcaag gcggccgagg agctccaccg ggtggacttg gtgctgccc 60
209 aggacaccac cgagtattc gtgcgcacca agg 93
212 <210> SEQ ID NO: 8
213 <211> LENGTH: 98
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
219 forward primer
221 <400> SEQUENCE: 8
222 gtatttcgtg cgacccaagg ctggaggcg 60
223 gagaccgcct cccggacgac cggaggagaa gcctgagg 98
226 <210> SEQ ID NO: 9
227 <211> LENGTH: 83
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
233 forward primer
235 <400> SEQUENCE: 9
236 accggaggagg aagcctgagg gggccaaacgg atcctcgcc cggcgaccac cccggtaacct 60
237 cctgagcgcc cgggagcgca cgg 83
240 <210> SEQ ID NO: 10
241 <211> LENGTH: 104
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
247 forward primer
249 <400> SEQUENCE: 10
250 gagcgccccgg gagcgacagg gggccgagg tgcacgacgc aagtgggtgg agtgcgtgtg 60
251 tctgccccgg tggcacggac ccagctgcgg cgtgcccact gtgg 104
254 <210> SEQ ID NO: 11
255 <211> LENGTH: 84
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
261 forward primer
263 <400> SEQUENCE: 11
264 agctgcggcg tgccactgt ggtgcagtat tccaacctgc ctaccaagga gcggctgg 60
265 cccagggagg tgccgcgcg cgtc 84
268 <210> SEQ ID NO: 12
269 <211> LENGTH: 99
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
275 forward primer

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Input Set : A:\53466414.APP

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277 <400> SEQUENCE: 12
278 agggaggtgc cgccgcgtc cataatgct atcaacgtca accacgagtt cgacctgctg 60
279 gacgtgcgtc tccacagact gggcgacgtg gtggacgcc 99
282 <210> SEQ ID NO: 13
283 <211> LENGTH: 101
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
289 forward primer
291 <400> SEQUENCE: 13
292 tggcgacgt ggtggacgcc tttgtgggt gcgagtccaa cttcacggct tatggggagc 60
293 cggccgcgt caagttccgg gagatgctga ccaatggcac c 101
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299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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307 acc 63
310 <210> SEQ ID NO: 15
311 <211> LENGTH: 70
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
317 forward primer
319 <400> SEQUENCE: 15
320 gctctatgtc ttcttgacc actttcctcc tggaggacga caagatggat ggatcgccga 60
321 cgaactacctg 70
324 <210> SEQ ID NO: 16
325 <211> LENGTH: 37
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
331 reverse primer
333 <400> SEQUENCE: 16
334 tttaagctta cttagacttcc gcctcgatcca gttttcc 37
337 <210> SEQ ID NO: 17
338 <211> LENGTH: 109
339 <212> TYPE: DNA
340 <213> ORGANISM: Artificial Sequence
342 <220> FEATURE:
343 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
344 reverse primer

VERIFICATION SUMMARY

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Input Set : A:\53466414.APP

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